



Attorney's Docket No.: 13854-010001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Wei-Zhong Li  
Serial No. : 10/075,432  
Filed : February 12, 2002  
Title : MULTI-PORT CIRCULATOR

Art Unit : 2873  
Examiner : Unknown  
Confirmation No.: 8737  
Notice of Allowance Date:

B/S

**MAIL STOP ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE OF ALLOWANCE**

In response to the Notice of Allowance mailed August 22, 2003, enclosed are a completed issue fee transmittal form PTOL-85b, a 'Reasons for Allowance' transmittal, a check for \$1639 for the required issue fee, publication fee and patent copies fee.

Please apply any additional charges or credits to our Deposit Account No. 06-1050.

Respectfully submitted,

Mark D. Kirkland  
Reg. No. 40,048

Date: November 24, 2003

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**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

November 24, 2003

Date of Deposit

Signature

Leslie Jennings

Typed or Printed Name of Person Signing Certificate

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**RESPONSE TO 'REASONS FOR ALLOWANCE'**

In response to the Reasons for Allowance noted in the Notice of Allowance mailed August 22, 2003 for the above application, Applicant responds to the Examiner's reasons as follows:

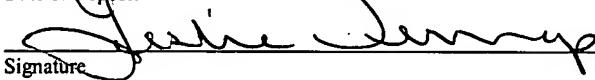
The Examiner indicated that none of the references teach/suggest alone or in combination an extendable four-port circulator or multi-port circulator comprising a first, second & middle birefringent crystal, a first & second non-reciprocal device where first birefringent crystal coupled with first non-reciprocal device and second birefringent crystal coupled to second non-reciprocal device and also the middle birefringent crystal having first, second, third and fourth surface where third surface defining a first and second extension interfaces and fourth surface defining a third and a fourth extension interfaces. Applicant respectfully suggests that though some of the claims as allowed include all of the noted limitations, not all of the allowed claims do so. Accordingly, Applicant respectfully asserts that the claims are allowable for at least the reasons specified in Applicant's prior responses of record in the instant Application.

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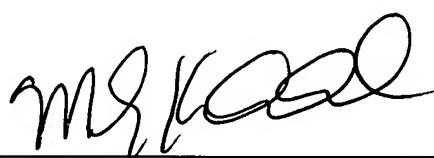
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